

APICAL

INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO.

03888

SHEET 1 OF 1

DWG NO. 647.4600

REV: NC

PREPARED BY B. PETERS

DATE: 05/16/13

EFFECT ON DWG
☐ INC. ☒ UNINC.

DWG TITLE: DEFLECTORS

APPROVED BY:

ENGR *[Signature]*

MFG

[Signature]

QC

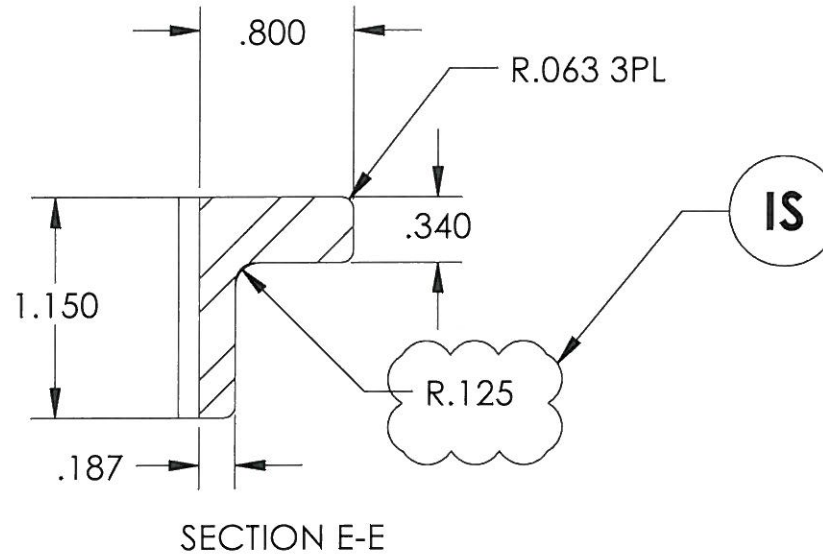
[Signature]

EFF. NEXT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: REVISED RADIUS DIMENSION TO STANDARD SIZE.

SHEET 3, ZONE A4 IS:



DOCUMENTS EFFECTED:

☐ MDL ☐ INSTALL INSTRUCTIONS ☐ ICA ☐ FMS ☐ BOM

CHANGE CATEGORY

☐ MAJOR ☒ MINOR

DER REVIEW REQUIRED

☐ YES ☒ NO

APICAL
INDUSTRIES, INC.

ENGINEERING CHANGE NOTICE NO. 03088

SHEET 1 OF 1

DWG NO. 647.4600

REV: N/C

PREPARED BY R. ROSANO

DATE: 04/27/11

EFFECT ON DWG
☐ INC. ☒ UNINC.

DWG TITLE: DEFLECTORS

APPROVED BY:

ENGR

MFG

QC

EFF: NEXT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: CORRECTED HOLE SIZE FOR 647.4610 UPPER DEFLECTOR, REVISED DELTA NOTE 2

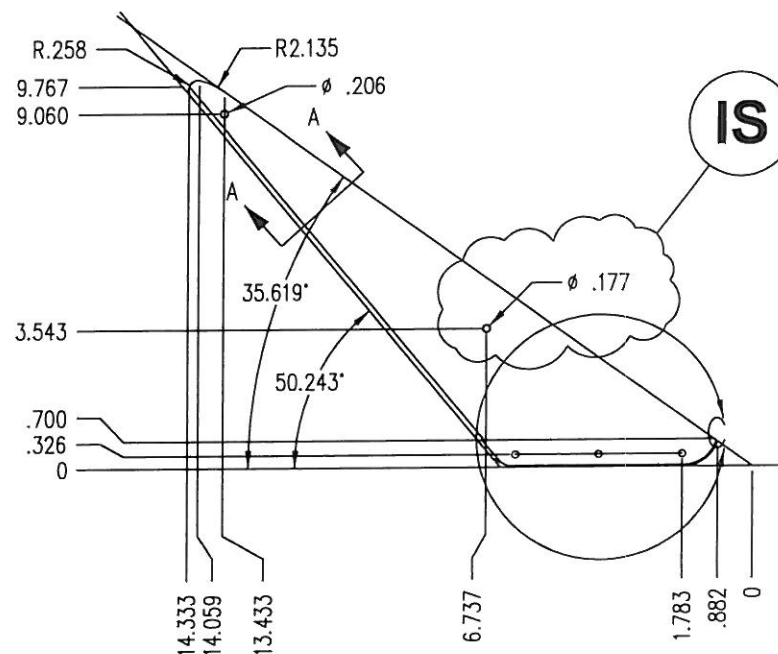
SHEET 1, ZONE A1, IS:

SHEET 1, ZONE C3, IS:

NOTES:

- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12.
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III,
CLASS 2, COLOR BLACK
PRETREAT PR-148 ADHESION PROMOTER;
PRIME IAW MIL-P-23377 TYPE I CLASS N; 1-2 MIL MAX.
3. DEBURR AND BREAK ALL SHARP EDGES.
4. IDENTIFY IAW MPP-120.
- 5 MAXIMUM DIMENSION AFTER FINISH

IS



IS

F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:				<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input type="checkbox"/> BOM	CHANGE CATEGORY <input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

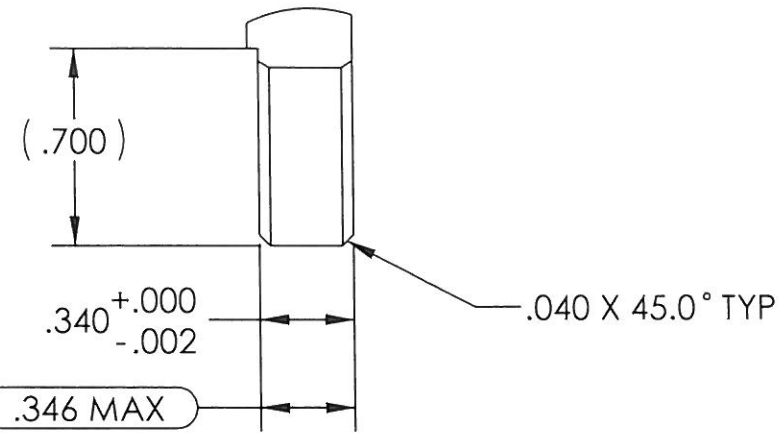
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NOTES:

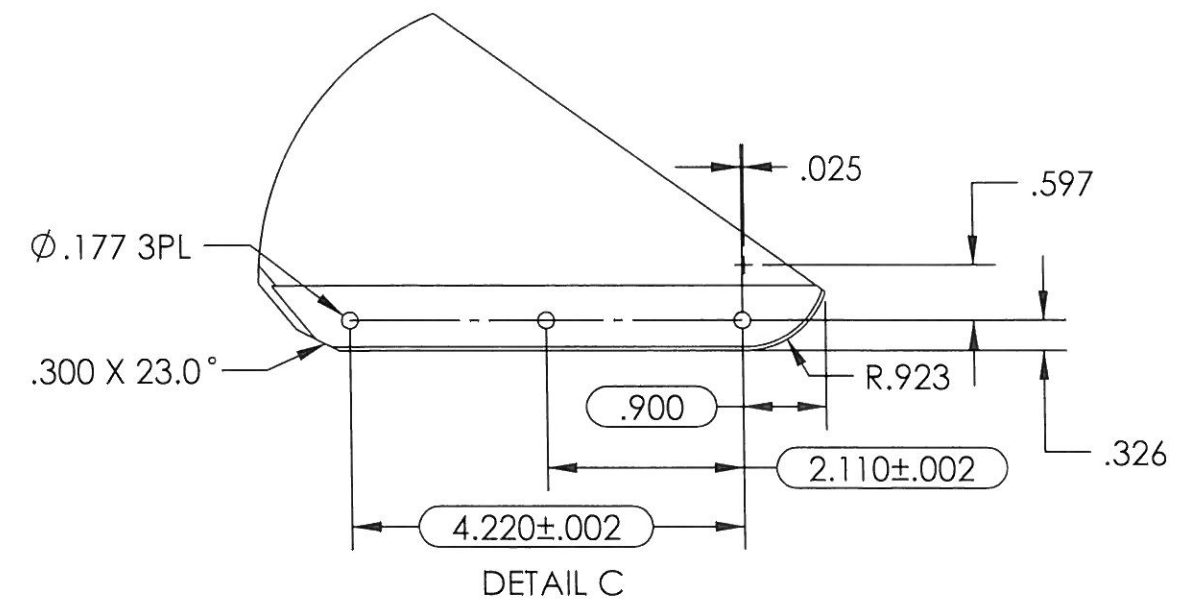
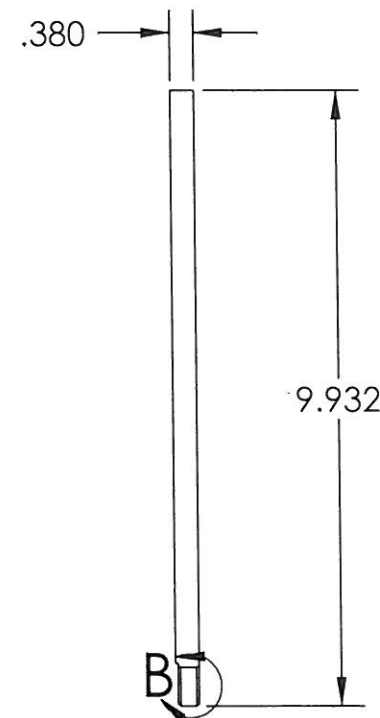
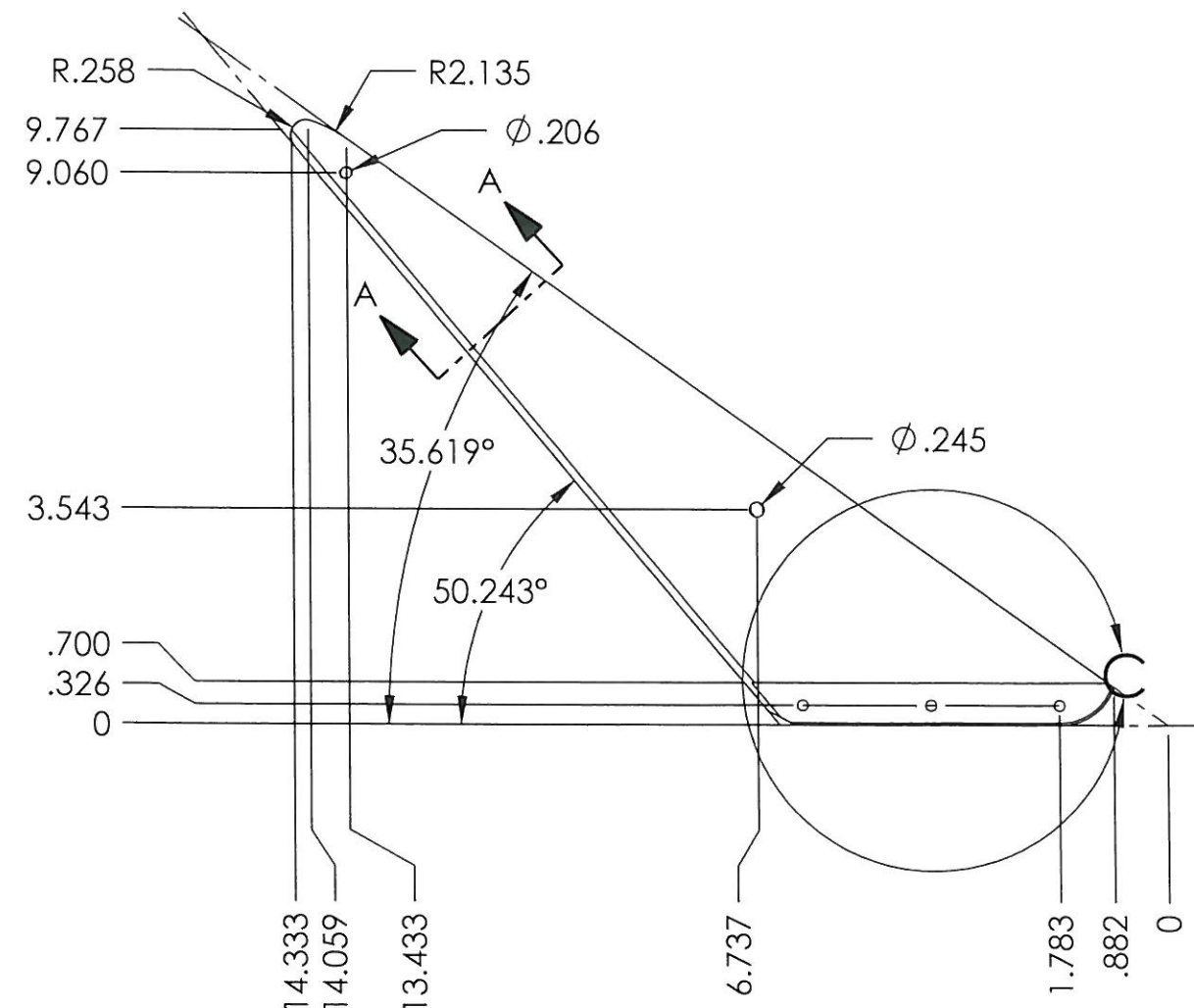
- 1 MATERIAL: ALUMINUM 7075-T651 PER AMS-QQ-A-250/12.
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; CARDINAL 4860-50 PRETREATMENT PRIMER PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX.
3. DEBURR AND BREAK ALL SHARP EDGES.
4. IDENTIFY IAW MPP-120.
- 5 MAXIMUM DIMENSION AFTER FINISH

.130 X 45.0° TYP

SECTION A-A



DETAIL B



DETAIL C

UNINCORPORATED ECN(S)

03088, 03088,

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE: PR1		N/C
N/C	INITIAL RELEASE	10-14-09	P. BRAVO

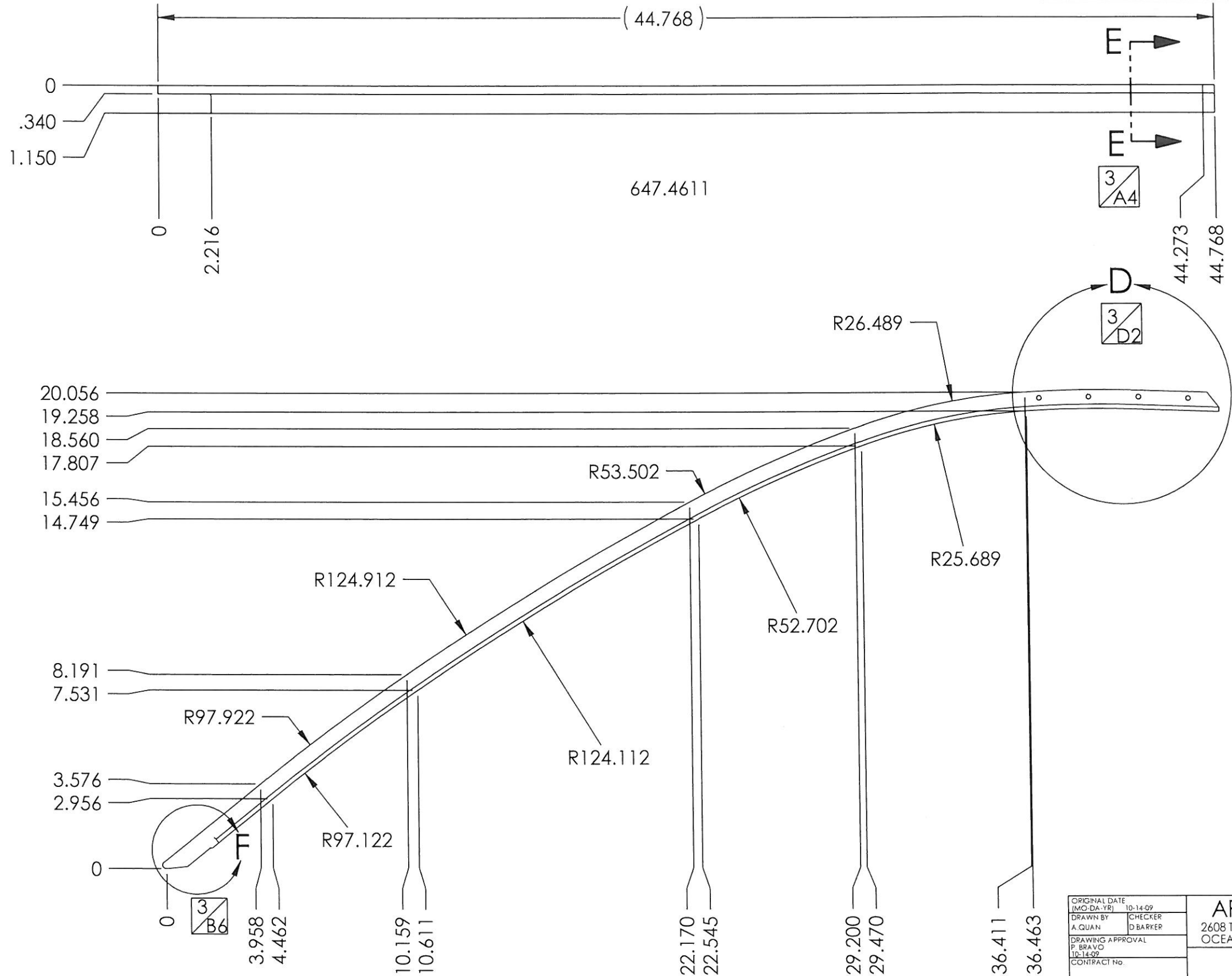
647.4610

		647.4611	DEFLECTOR	1	2
		1	647.4610	UPPER DEFLECTOR	1
		PART #	DESCRIPTION	MAT'L	SPEC.
QTY		PARTS LIST			
NEXT ASSY (S)		APICAL INDUSTRIES			
647.2600		2608 TEMPLE HEIGHTS DR.			
647.4500		OCEANSIDE, CA. 92056-3512 (760)724-5300			
		DEFLECTORS			
		SIZE	CAGE CODE	DWG. NO.	REV.
		B	07M26	647.4600	N/C
		SCALE NONE		SHEET 1 OF 3	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

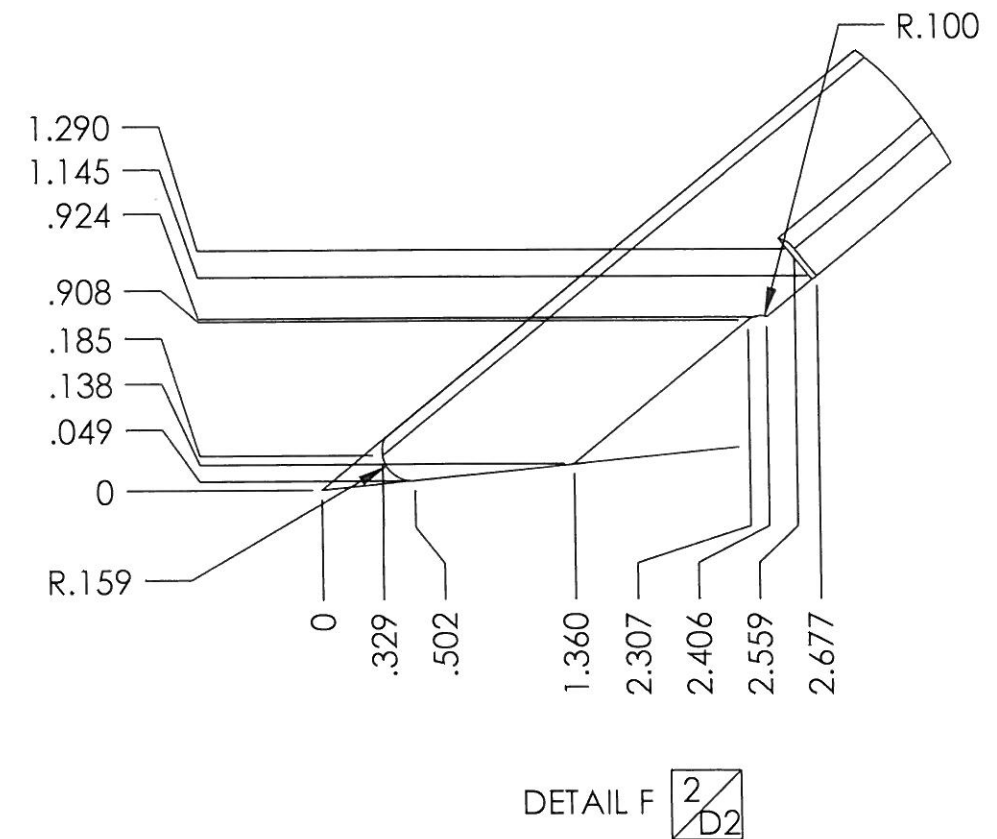
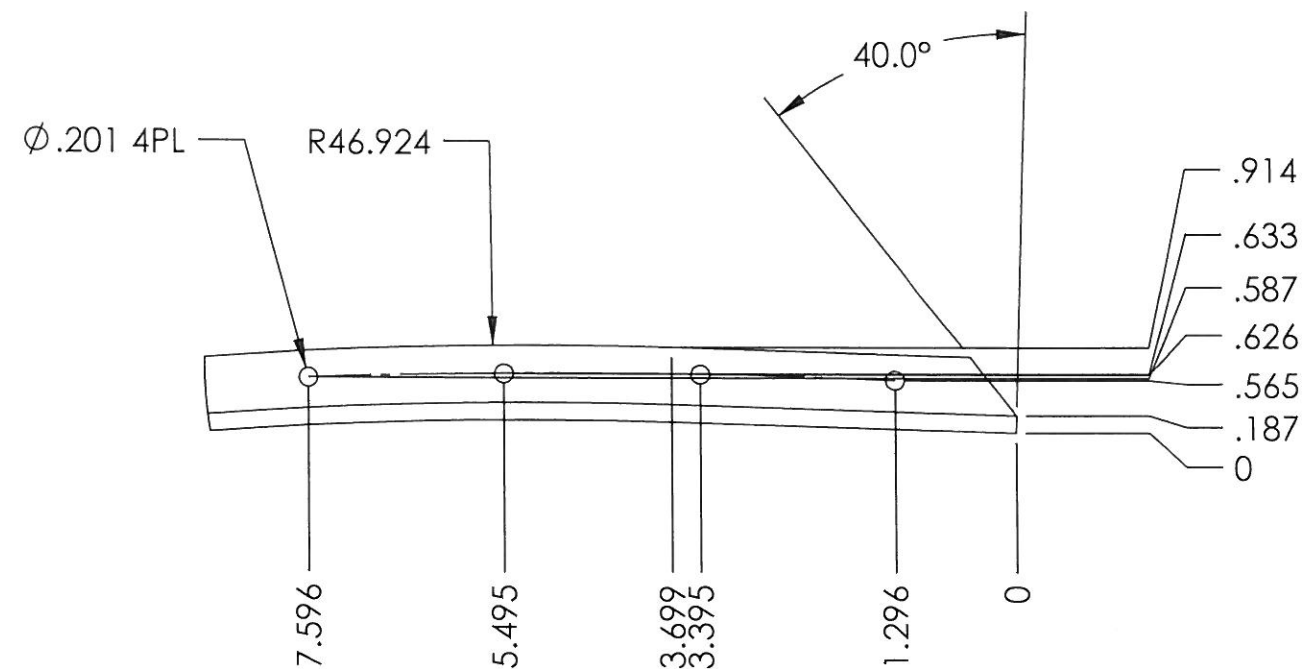
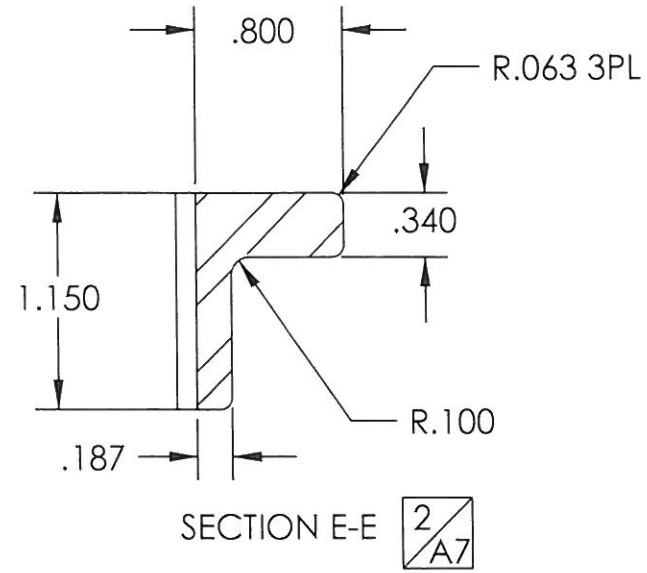
A
B
C
D



ORIGINAL DATE (MO-DA-YR) 10-14-09		APICAL INDUSTRIES	
DRAWN BY A. QUAN		2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
CHECKER D. BARKER		DEFLECTORS	
DRAWING APPROVAL P. BRAVO		SCALE NONE	
10-14-09		SHEET 2 OF 3	
CONTRACT No.		DWG. NO. 647.4600	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		REV. N/C	
SIZE B		CAGE CODE 07M26	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



ORIGINAL DATE (MO-DA-YR) 10-14-09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY A. QUAN	CHECKER D. BARKER		
DRAWING APPROVAL P. BRAVO 10-14-09		DEFLECTORS	
CONTRACT No.		SIZE B	REV N/C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07M26	DWG. NO. 647.4600
SCALE NONE		SHEET 3 OF 3	